



LANDAU
ASSOCIATES,
INC.

Geoenvironmental Engineering and Technologies

COLSF 84 V1

APR 11 1991

April 9, 1991

Mr. Mike Kuntz
Washington State Department of Ecology
M/S PV-11
Olympia, WA 98504-8711

USEPA SF



1454859

RE: MARCH 1991 PROGRESS REPORT
COLBERT LANDFILL RD/RA

Dear Mr. Kuntz:

Presented herein is the March 1991 Progress Report for the Colbert Landfill RD/RA Superfund Project (Project), which was prepared by Landau Associates, Inc., Spokane County's engineering consultant. It addresses the reporting requirements specified in Section XI of the Project Consent Decree, including:

- A description of remedial action activities commenced or completed during the reporting period
- Remedial action activities projected for the next reporting period (through April 1991)
- Any problems that were encountered or are anticipated.

1.0 ACTIVITIES COMMENCED/COMPLETED DURING REPORTING PERIOD

Several activities were commenced and/or completed during the reporting period. Most of these activities are related to completion of the Phase I pilot studies and ground water sampling. Specific activities performed during the reporting period include:

- Phase I pilot studies were completed March 22. The scope of the extended treatability studies was decreased slightly because of the limited capacity of Pilot Extraction Well CP-E2. However, adequate data were collected for treatability assessments.
- The second round of ground water sampling was continued for selected monitoring wells. Monitoring wells sampled (exclusive of treatability study activities) included CD-1; CD3-L; CD-5; CD7-L; CD23-A1 and -D1; CD26-C2; CD40-C1; CD41-C2 and -C3; CD42-C1, -C2 and -C3; CD43-C1, -C2 and -C3.
- Troy Trembly, a Spokane County engineering technician, was trained for various ongoing data collection activities by Landau Associates personnel. Training included instruction for operation and maintenance of weather station, water level data logger and ground water sampling equipment.

- Demobilization of equipment from the Colbert Landfill was initiated, including pilot stripping tower disassembly.
- Evaluation of Phase I data was initiated. Pumping test analyses are underway, as are numerous other Phase I data evaluation tasks. Primary Phase I data evaluation tasks include:
 - Characterization of hydrogeologic conditions
 - Characterization of the nature and extent of ground water contamination
 - Evaluation of ground water treatability characteristics
 - Performance of air quality modeling.

2.0 ACTIVITIES PROJECTED TO BE COMMENCED/COMPLETED DURING NEXT REPORTING PERIOD

As specified in the Schedule for Submittal of Deliverables, the next reporting period extends through April 1991; progress reports will revert to quarterly submittals following the April progress report. Anticipated activities for April include completion of ground water sampling and demobilization from the site, and continuation of Phase I data evaluation. Specific activities anticipated for the next reporting period include:

- Complete ground water sampling. About 20 monitoring wells will be sampled (by mid-April)
- Complete demobilization of Landau Associates' personnel and equipment from the Colbert Landfill site (by mid-April)
- Continue Phase I data evaluation. Data evaluation will include those tasks described in Section 1.0 of this report.

3.0 ENCOUNTERED/ANTICIPATED PROBLEMS

No problems were encountered during the previous reporting period and no problems are anticipated for the next reporting period.

This progress report describes the primary remedial action activities commenced or completed during the reporting period, and anticipated to be commenced or completed during the next reporting period. There are peripheral activities associated with the primary activities that are not described herein. If clarification is required for any of the activities presented in this

progress report, or if additional information is desired for peripheral activities, please contact me or Dean Fowler (Spokane County).

Very truly yours,

LANDAU ASSOCIATES, INC.

By:


Lawrence D. Beard, P.E.
Project Manager

LDB/njb
No. 124-01.60
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cc: Neil Thompson, EPA
Dean Fowler, Spokane County
Lyle Diedieker, Ecology and Environment